

Title (en)

System for treating contaminated gas

Title (de)

Verfahren zur Behandlung eines kontaminierten Gases

Title (fr)

Procédé de traitement de gaz contaminés

Publication

EP 1398066 A2 20040317 (EN)

Application

EP 03028125 A 19980910

Priority

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- US 5841197 P 19970910
- US 14698798 A 19980903

Abstract (en)

The present invention involves a system for treating contaminated gas comprising a gas scrubber (204), the contaminated gas being transferred into the scrubber (204) in a manner so as to generate a contaminated gas stream, which is directed upwards through the gas scrubber (204); an injection device (206) on top of the scrubber (204), which disperses a solvent downwardly into the scrubber (204) by which the contaminants are transferred from a gaseous phase to a liquid phase; means (212, 216) for transferring liquid solvent containing the contaminants from the bottom of the gas scrubber (204) to a photocatalytic system (218) which is operable to reduce contaminants into non-harmful materials; means for recirculating the solvent from the photocatalytic system (218) to the injection device (206) in a closed loop. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

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